[[1]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = 0 ( probability: 1, error: 2)

Alternative transition functions for gene AMMA:

AMMA = 0 ( probability: 1, error: 0)

Alternative transition functions for gene ANBO:

ANBO = (ANBO) ( probability: 1, error: 41)

Alternative transition functions for gene PSRE:

PSRE = (PSRE) ( probability: 1, error: 14)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 8)

Alternative transition functions for gene RACA:

RACA = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (TAGR) ( probability: 1, error: 34)

Knocked-out and over-expressed genes:

AMGR = 0

AMMA = 0

RAAU = 0

RACA = 0

RAPR = 0

[[2]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene AMMA:

AMMA = 0 ( probability: 1, error: 2)

Alternative transition functions for gene ANBO:

ANBO = 0 ( probability: 1, error: 0)

Alternative transition functions for gene PSRE:

PSRE = (PSRE) ( probability: 1, error: 26)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RACA:

RACA = (RACA & TAGR) ( probability: 0.5, error: 5)

RACA = (RACA & RAPR) ( probability: 0.5, error: 5)

Alternative transition functions for gene RAPR:

RAPR = (RAPR) ( probability: 1, error: 19)

Alternative transition functions for gene TAGR:

TAGR = (TAGR) ( probability: 1, error: 28)

Knocked-out and over-expressed genes:

AMGR = 0

AMMA = 0

ANBO = 0

RAAU = 0

[[3]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene AMMA:

AMMA = 0 ( probability: 1, error: 0)

Alternative transition functions for gene ANBO:

ANBO = (ANBO) ( probability: 1, error: 8)

Alternative transition functions for gene PSRE:

PSRE = (PSRE) ( probability: 1, error: 18)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RACA:

RACA = (RACA) ( probability: 1, error: 1)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (TAGR) ( probability: 1, error: 6)

Knocked-out and over-expressed genes:

AMGR = 0

AMMA = 0

RAAU = 0

RAPR = 0

[[4]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = (AMGR) ( probability: 1, error: 2)

Alternative transition functions for gene AMMA:

AMMA = (AMMA) ( probability: 1, error: 16)

Alternative transition functions for gene ANBO:

ANBO = (ANBO) ( probability: 1, error: 24)

Alternative transition functions for gene PSRE:

PSRE = (PSRE) ( probability: 1, error: 12)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RACA:

RACA = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (TAGR) ( probability: 1, error: 22)

Knocked-out and over-expressed genes:

RAAU = 0

RACA = 0

RAPR = 0

[[5]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene AMMA:

AMMA = (AMMA) ( probability: 1, error: 2)

Alternative transition functions for gene ANBO:

ANBO = (ANBO) ( probability: 1, error: 14)

Alternative transition functions for gene PSRE:

PSRE = (PSRE) ( probability: 1, error: 16)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RACA:

RACA = (RACA) ( probability: 1, error: 1)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (TAGR) ( probability: 1, error: 16)

Knocked-out and over-expressed genes:

AMGR = 0

RAAU = 0

RAPR = 0

[[6]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene AMMA:

AMMA = (AMMA) ( probability: 1, error: 2)

Alternative transition functions for gene ANBO:

ANBO = (ANBO & TAGR) | (ANBO & RACA) ( probability: 1, error: 11)

Alternative transition functions for gene PSRE:

PSRE = (!ANBO & PSRE) | (ANBO & !PSRE & !RACA & !TAGR) | (PSRE & RACA & TAGR) ( probability: 0.125, error: 28)

PSRE = (!ANBO & PSRE) | (ANBO & !PSRE & !RACA & !TAGR) | (PSRE & RACA) ( probability: 0.125, error: 28)

PSRE = (!ANBO & PSRE) | (ANBO & !PSRE & !RACA & !TAGR) | (PSRE & TAGR) ( probability: 0.125, error: 28)

PSRE = (!ANBO & PSRE) | (ANBO & !PSRE & !RACA & !TAGR) | (PSRE & TAGR) | (PSRE & RACA) ( probability: 0.125, error: 28)

PSRE = (PSRE & !RACA & !TAGR) | (!ANBO & PSRE) | (ANBO & !RACA & !TAGR) | (PSRE & RACA & TAGR) ( probability: 0.125, error: 28)

PSRE = (PSRE & !TAGR) | (!ANBO & PSRE) | (ANBO & !RACA & !TAGR) | (PSRE & RACA) ( probability: 0.125, error: 28)

PSRE = (PSRE & !RACA) | (!ANBO & PSRE) | (ANBO & !RACA & !TAGR) | (PSRE & TAGR) ( probability: 0.125, error: 28)

PSRE = (PSRE) | (ANBO & !RACA & !TAGR) ( probability: 0.125, error: 28)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RACA:

RACA = (RACA) | (ANBO & !TAGR) ( probability: 1, error: 28)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (TAGR) ( probability: 1, error: 23)

Knocked-out and over-expressed genes:

AMGR = 0

RAAU = 0

RAPR = 0

[[7]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene AMMA:

AMMA = 0 ( probability: 1, error: 0)

Alternative transition functions for gene ANBO:

ANBO = 0 ( probability: 1, error: 3)

Alternative transition functions for gene PSRE:

PSRE = (PSRE) ( probability: 1, error: 10)

Alternative transition functions for gene RAAU:

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & PSRE & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & !PSRE & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & !PSRE & RACA & TAGR) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & RACA & TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & !PSRE & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & !PSRE & RACA & TAGR) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA & !TAGR) | (ANBO & RACA & TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & PSRE & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA & !TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA & !TAGR) | (ANBO & PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & RACA) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & RACA) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & !PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & !PSRE & TAGR) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & RACA & TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & !PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & !PSRE & TAGR) | (ANBO & PSRE & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!ANBO & !PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & !RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & PSRE & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !PSRE & !RACA) | (ANBO & RACA & !TAGR) | (ANBO & PSRE & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !RACA & TAGR) | (ANBO & PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !RACA & TAGR) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE & !TAGR) | (ANBO & !RACA & TAGR) | (ANBO & RACA & !TAGR) | (ANBO & PSRE & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE) | (ANBO & RACA & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (!ANBO & PSRE & !RACA & TAGR) | (ANBO & !PSRE) | (ANBO & RACA) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE) | (ANBO & TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE) | (ANBO & RACA & !TAGR) ( probability: 0.015625, error: 7)

RAAU = (!PSRE & RACA & !TAGR) | (PSRE & !RACA & TAGR) | (ANBO & !PSRE) | (ANBO & RACA) ( probability: 0.015625, error: 7)

Alternative transition functions for gene RACA:

RACA = (RACA & TAGR) | (PSRE & RACA) ( probability: 1, error: 10)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (!ANBO & TAGR) | (ANBO & !PSRE & !TAGR) ( probability: 0.25, error: 14)

TAGR = (!ANBO & TAGR) | (ANBO & !PSRE & !TAGR) | (PSRE & TAGR) ( probability: 0.25, error: 14)

TAGR = (!PSRE & TAGR) | (!ANBO & TAGR) | (ANBO & !PSRE) ( probability: 0.25, error: 14)

TAGR = (TAGR) | (ANBO & !PSRE) ( probability: 0.25, error: 14)

Knocked-out and over-expressed genes:

AMGR = 0

AMMA = 0

ANBO = 0

RAPR = 0

[[8]]

Probabilistic Boolean network with 8 genes

Involved genes:

AMGR AMMA ANBO PSRE RAAU RACA RAPR TAGR

Transition functions:

Alternative transition functions for gene AMGR:

AMGR = (AMGR) ( probability: 1, error: 2)

Alternative transition functions for gene AMMA:

AMMA = 0 ( probability: 1, error: 0)

Alternative transition functions for gene ANBO:

ANBO = 0 ( probability: 1, error: 1)

Alternative transition functions for gene PSRE:

PSRE = (!ANBO & PSRE) | (ANBO & !PSRE) ( probability: 0.5, error: 7)

PSRE = (PSRE) | (ANBO) ( probability: 0.5, error: 7)

Alternative transition functions for gene RAAU:

RAAU = 0 ( probability: 1, error: 0)

Alternative transition functions for gene RACA:

RACA = (!ANBO & RACA & TAGR) | (ANBO & !RACA & !TAGR) ( probability: 0.125, error: 8)

RACA = (RACA & TAGR) | (ANBO & !RACA & !TAGR) ( probability: 0.125, error: 8)

RACA = (!ANBO & RACA & TAGR) | (ANBO & !TAGR) ( probability: 0.125, error: 8)

RACA = (RACA & TAGR) | (ANBO & !TAGR) ( probability: 0.125, error: 8)

RACA = (!ANBO & RACA & TAGR) | (ANBO & !RACA) ( probability: 0.125, error: 8)

RACA = (RACA & TAGR) | (ANBO & !RACA) ( probability: 0.125, error: 8)

RACA = (!ANBO & RACA & TAGR) | (ANBO & !TAGR) | (ANBO & !RACA) ( probability: 0.125, error: 8)

RACA = (RACA & TAGR) | (ANBO) ( probability: 0.125, error: 8)

Alternative transition functions for gene RAPR:

RAPR = 0 ( probability: 1, error: 0)

Alternative transition functions for gene TAGR:

TAGR = (!ANBO & TAGR) | (ANBO & !TAGR) ( probability: 0.5, error: 11)

TAGR = (TAGR) | (ANBO) ( probability: 0.5, error: 11)

Knocked-out and over-expressed genes:

AMMA = 0

ANBO = 0

RAAU = 0

RAPR = 0